

CLMPTO

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SAB

Art Unit: 3700

1. (Currently Amended) A method for planarizing a surface which is formed on a substrate which comprises

providing on the surface to be planarized a liquid slurry composition comprising abrasive particles and solid lubricant particles; wherein the lubricant particles are selected from the group consisting of poly (tetrafluoroethylene), fluoroethylene-propylene copolymers, perfluoroalkoxy resins, polyvinylidene fluoride and mixtures thereof;

and contacting said surface with a polishing pad.

2. (Original) The method of claim 1 wherein the amount of the solid lubricant particles is about 0.3 to about 10 % by weight.

3. (Cancelled)

4. (Original) The method of claim 1 wherein the lubricant particles have a coefficient of friction of 0.03 to about 0.3.

5. (Original) The method of claim 1 wherein the lubricant particles have a particle size of 0.05 to about 18 microns.

6. (Original) The method of claim 1 wherein the abrasive particles comprise a member selected from the group consisting of ceria, alumina, silica, titania, zirconia, polymer particles, organic/inorganic composite particles, and combinations.

7. (Original) The method of claim 1 wherein the amount of the abrasive particles is about 0.1 to about 20 percent by weight.

8. (Currently Amended) The method of claim 1 being wherein the slurry is an aqueous slurry.

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9. (Currently Amended) The method of claim 1 wherein the composition further comprising comprises a surfactant.

10-19(Cancelled)

20. (Currently Amended) A method for planarizing a surface which is formed on a substrate which comprises providing on the surface to planarized a liquid composition comprising abrasive particles and solid lubricant particles; wherein the lubricant particles are selected from the group consisting of poly (tetrafluoroethylene), fluoroethylene-propylene copolymers, perfluoroalkoxy resins, polyvinylidene fluoride and mixtures thereof; and contacting said surface with a polishing pad.

21. (Original) The method of claim 20 wherein the surface to be polished is a thin film.

22. (New) The method of claim 1 wherein the lubricant particles comprise poly (tetrafluoroethylene).